

Environmental Protection Agency

§ 147.1351

EPA. This program consists of the UIC program requirements of 40 CFR parts 124, 144, 145, 146, 148, and any additional requirements set forth in the remainder of this subpart. Injection well owners and operators, and EPA shall comply with these requirements.

(b) *Effective date.* The effective date for the UIC program for Indian lands is November 25, 1988.

[53 FR 43088, Oct. 25, 1988, as amended at 56 FR 9417, Mar. 6, 1991]

Subpart BB—Montana

§ 147.1350 State-administered programs—Class II wells. pro-

The UIC program for Class II injection wells in the State of Montana, except for those in Indian Country, is the program administered by the Montana Board of Oil and Gas Conservation (MBOGC) approved by the EPA pursuant to Section 1425 of the SDWA. Notice of this approval was published in the FEDERAL REGISTER on November 19, 1996; the effective date of this program is November 19, 1996. This program consists of the following elements as submitted to EPA in the State's program application:

(a) *Incorporation by reference.* The requirements set forth in the State statutes and regulations cited in this paragraph are hereby incorporated by reference and made part of the applicable UIC program under the SDWA for the State of Montana. This incorporation by reference was approved by the Director of the FR in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained at the Montana Board of Oil and Gas Conservation, 2535 St. Johns Avenue, Billings, Montana, 59102. Copies may be inspected at the Environmental Protection Agency, Region VIII, 999 18th Street, Suite 500, Denver, Colorado, 80202-2466, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(1) Montana Statutory Requirements Applicable to the Underground Injection Control Program, August, 1996.

(2) Montana Regulatory Requirements Applicable to the Underground Injection Control Program, August, 1996.

(b) *Memorandum of Agreement (MOA).* (1) The MOA between EPA Region VIII and the MBOGC signed by the Acting EPA Regional Administrator on June 9, 1996.

(2) Letter dated May 24, 1996, from the Administrator of the MBOGC and the attached addendum (Addendum No. 1-96) to the MOA between MBOGC and EPA Region VIII, signed by the Acting EPA Regional Administrator on August 14, 1996.

(c) *Statement of legal authority.* (1) Letter from the Montana Attorney General to the Regional Administrator dated August 1, 1995.

(2) MBOGC independent counsel's certification of Montana's UIC program for Class II wells dated July 24, 1995.

(3) Letter dated March 8, 1996, from MBOGC independent counsel to USEPA, Region VIII; "Re: EPA comments of November 29, 1995, on Montana Class II primacy application."

(4) Letter dated March 8, 1996, from the Administrator of the MBOGC and the attached proposed replacement language for the MOA; "Re: Responses to EPA comments on Montana Class II Primacy Application."

(d) *Program Description.* The Program Description and any other materials submitted as part of the application or as supplemented thereto:

(1) Application and accompanying materials for approval of Montana's UIC program for Class II wells submitted by the Governor of Montana, August 3, 1995.

(2) [Reserved]

[61 FR 58933, Nov. 19, 1996]

§ 147.1351 EPA-administered program.

(a) *Contents.* The UIC program in the State of Montana for Class I, III, IV, and V wells, and for all Classes of wells in Indian Country is administered by EPA. This program consists of the UIC program requirements of 40 CFR parts 124, 144, 146, 148, and any additional requirements set forth in the remainder of this subpart. Injection well owners and operators, and EPA shall comply with these requirements.

(b) *Effective dates.* The effective date for the UIC program on all lands in Montana, including all Indian lands, is June 25, 1984.

[52 FR 17681, May 11, 1987, as amended at 56 FR 9417, Mar. 6, 1991; 61 FR 58933, Nov. 19, 1996]

§ 147.1352 Aquifer exemptions.

Those portions of aquifers within one-quarter mile of existing Class II wells are exempted for the purpose of Class II injection activities only.

NOTE: A complete listing of the exemptions and their location is available for review in the EPA Regional Office, 1860 Lincoln Street, Denver, Colorado. An updated list of exemptions will be maintained in the Regional Office.

§ 147.1353 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.

Maximum injection pressure. The owner or operator shall limit injection pressure to the lesser of:

(a) A value which will not exceed the operating requirements of § 144.28(f)(3)(i) or (ii) as applicable or

(b) A value for well head pressure calculated by using the following formula:

$$P_m = (0.733 - 0.433 S_g)d$$

where:

P_m =injection pressure at the well head in pounds per square inch

S_g =specific gravity of inject fluid (unitless)

d =injection depth in feet.

§ 147.1354 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

(a) *Maximum injection pressure.* (1) To meet the operating requirements of § 144.28(f)(3)(ii) (A) and (B) of this chapter, the owner or operator:

(i) Shall use an injection pressure no greater than the pressure established by the Regional Administrator for the field or formation in which the well is located. The Regional Administrator shall establish such a maximum pressure after notice, opportunity for comment, and opportunity for a public hearing, according to the provisions of part 124, subpart A of this chapter, and will inform owners and operators in writing of the applicable maximum pressure; or

(ii) May inject at pressures greater than those specified in paragraph (a)(1)(i) of this section for the field or formation in which he is operating provided he submits a request in writing to the Regional Administrator, and demonstrates to the satisfaction of the Regional Administrator that such injection pressure will not violate the requirement of § 144.28(f)(3)(ii) (A) and (B). The Regional Administrator may grant such a request after notice, opportunity for comment, and opportunity for a public hearing, according to the provisions of part 124, subpart A of this chapter.

(2) Prior to such time as the Regional Administrator established rules for maximum injection pressure based on data provided pursuant to paragraph (ii) below the owner or operator shall:

(i) Limit injection pressure to a value which will not exceed the operating requirements of § 144.28(f)(3)(ii); and

(ii) Submit data acceptable to the Regional Administrator which defines the fracture pressure of the formation in which injection is taking place. A single test may be submitted on behalf of two or more operators conducting operations in the same formation, if the Regional Administrator approves such submission. The data shall be submitted to the Regional Administrator within 1 year of the effective date of this program.

(b) *Casing and cementing.* Where the Regional Administrator determines that the owner or operator of an existing enhanced recovery or hydrocarbon storage well may not be in compliance with the requirements of §§ 144.28(e) and 146.22, the owner or operator shall when required by the Regional Administrator:

(1) Isolate all USDWs by placing cement between the outermost casing and the well bore as follows:

(i) If the injection well is east of the 108th meridian, cement the outermost casing from a point 50 feet into a major shale formation underlying the uppermost USDW to the surface. For the purpose of this paragraph, major shale formations are defined as the Bearpaw, Clagget, and Colorado formations.

(ii) If the injection well is west of the 108th meridian, cement the outermost